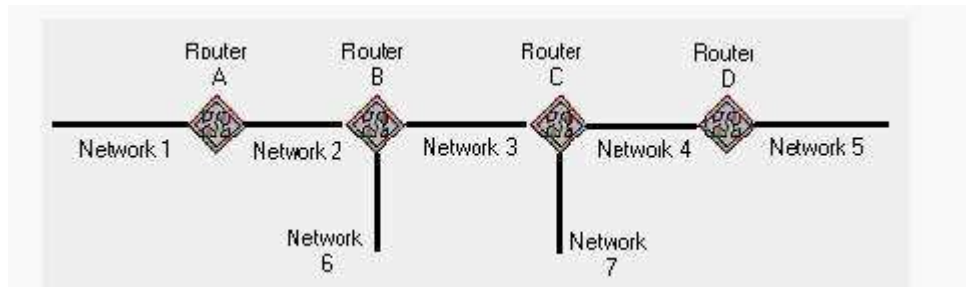**Exam Code:** 050-649

Exam Name: TCP/IP for networking professionals

Vendor: NOVELL

Version: DEMO

Part: A

1: Examine the graphic below.

Router C uses RIP and has split horizon enabled. Which cost metric does Router C advertise on Netwok 3 regarding Network 6?

A.2

B.3

C.4

D.15

E.16

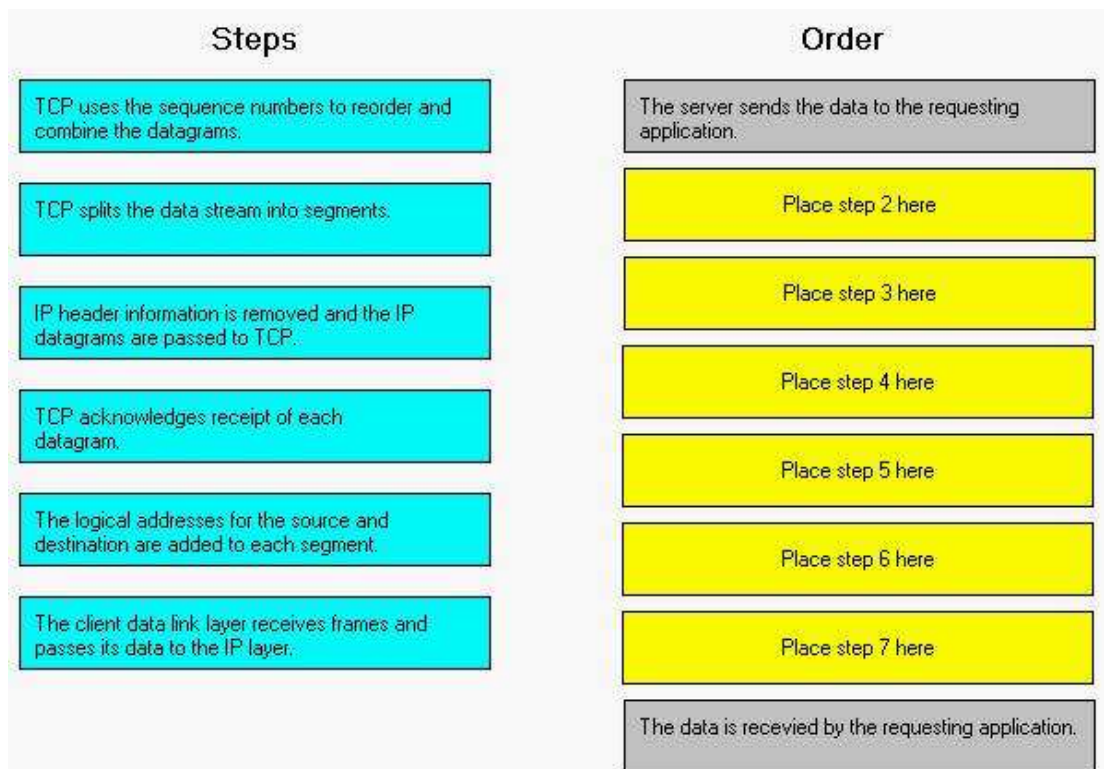F.Router C does not advertise routes for Network 6 over Network 3.

Correct Answers: F

2: What does TFTP use to maintain data packet order?

A.Pointers

B.Sequence numbers

C.Acknowledgements

D.Fixed-length packets

E.A single data packet

Correct Answers: C

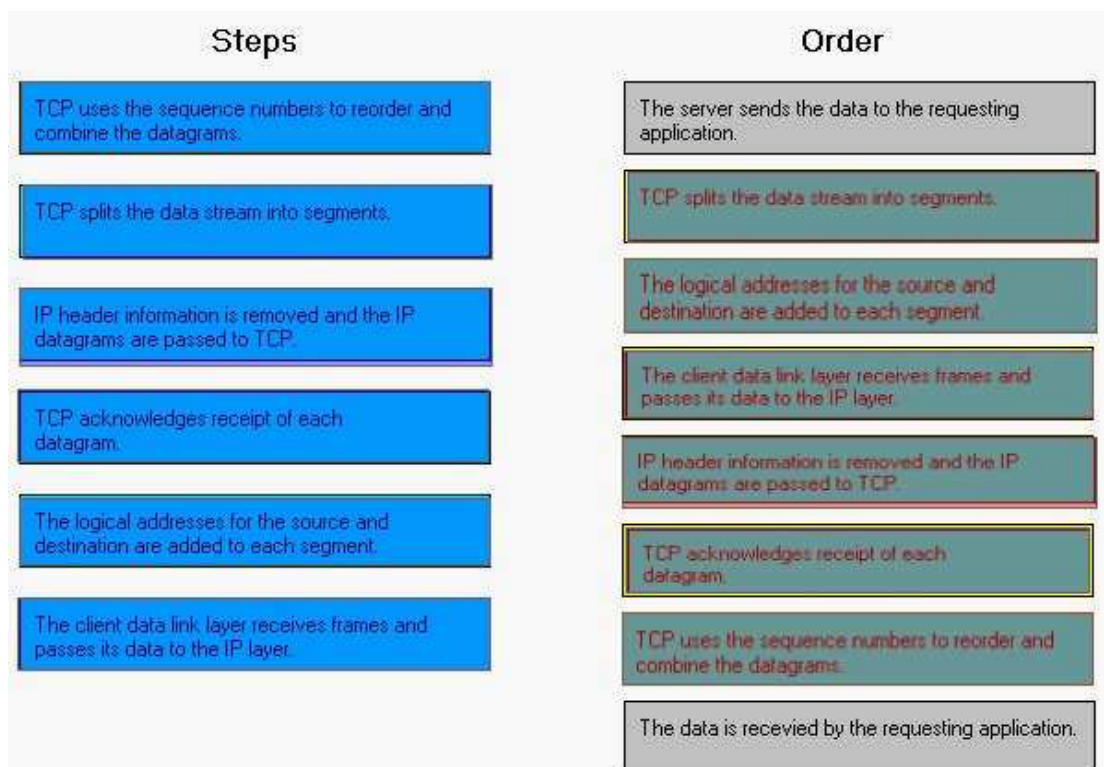3: Perform the drag-and-drop task. Begin by clicking the Drag-and-Drop button. When you finish, continue to the next question by clicking the Next button.

The graphic shows the steps for data exchange between a server and a requesting client application using the TCP protocol. Two steps are already in place. Arrange the remaining steps in the correct order by dragging each step to the correct location.

Steps

Steps
TCP uses the sequence numbers to reorder and combine the datagrams.
TCP splits the data stream into segments.
IP header information is removed and the IP datagrams are passed to TCP.
TCP acknowledges receipt of each datagram.
The logical addresses for the source and destination are added to each segment.
The client data link layer receives frames and passes its data to the IP layer.

Order

Order
The server sends the data to the requesting application.
Place step 2 here
Place step 3 here
Place step 4 here
Place step 5 here
Place step 6 here
Place step 7 here
The data is recevied by the requesting application.

Correct Answers:

Steps

Steps
TCP uses the sequence numbers to reorder and combine the datagrams.
TCP splits the data stream into segments.
IP header information is removed and the IP datagrams are passed to TCP.
TCP acknowledges receipt of each datagram.
The logical addresses for the source and destination are added to each segment.
The client data link layer receives frames and passes its data to the IP layer.

Order

Order
The server sends the data to the requesting application.
TCP splits the data stream into segments.
The logical addresses for the source and destination are added to each segment.
The client data link layer receives frames and passes its data to the IP layer.
IP header information is removed and the IP datagrams are passed to TCP.
TCP acknowledges receipt of each datagram.
TCP uses the sequence numbers to reorder and combine the datagrams.
The data is recevied by the requesting application.

4: Which mechanisms can be used to obtain a dynamic IP address? (Choose 3.)

A.DNS

B.ARP

C.DHCP

D.RARP

E.ICMP

F.PING

G.BOOTP

Correct Answers: C D G

5: What symptom can occur on a network when clients are configured with an incorrect subnet mask?

A.Clients ARP for remote devices.

B.Dynamic route entries are added unnecessarily.

C.Clients cannot obtain an IP address using DHCP.

D.Routers send ICMP port unreachable messages for remote devices.

Correct Answers: A

6: Which steps are part of the TCP/IP error resolution process? (Choose 2.)

A.List all operating systems in use.

B.Examine the communication process.

C.Begin capturing all network packets.

D.Identify the possible points of failure.

Correct Answers: B D

7: Your company uses the IP address 168.212.0.0 with subnets 168.212.64.0 and 168.212.128.0. What is the appropriate subnet mask for your company?

A.255.255.0.0

B.255.255.128.0

C.255.255.192.0

D.255.255.224.0

E.255.255.255.0

F.255.255.255.128

G.255.255.255.192

H.255.255.255.224

Correct Answers: C

8: Which tool do you use to determine active processes on a host?

A.ROUTE

B.PING/TPING

C.TRACEROUTE

D.Port scanner

Correct Answers: D

9: When do RIP routers advertise their routing information?

A.Every 30 seconds

B.Every 60 seconds

C.Anytime a change occurs

D.When a request for information is received

10: Which routing configuration provides a method for explicitly defining the next hop from a router to a particular destination?
A.Static
B.Dynamic
C.Directed
D.Link state
E.Distance vector
Correct Answers: A